

FIG. 1

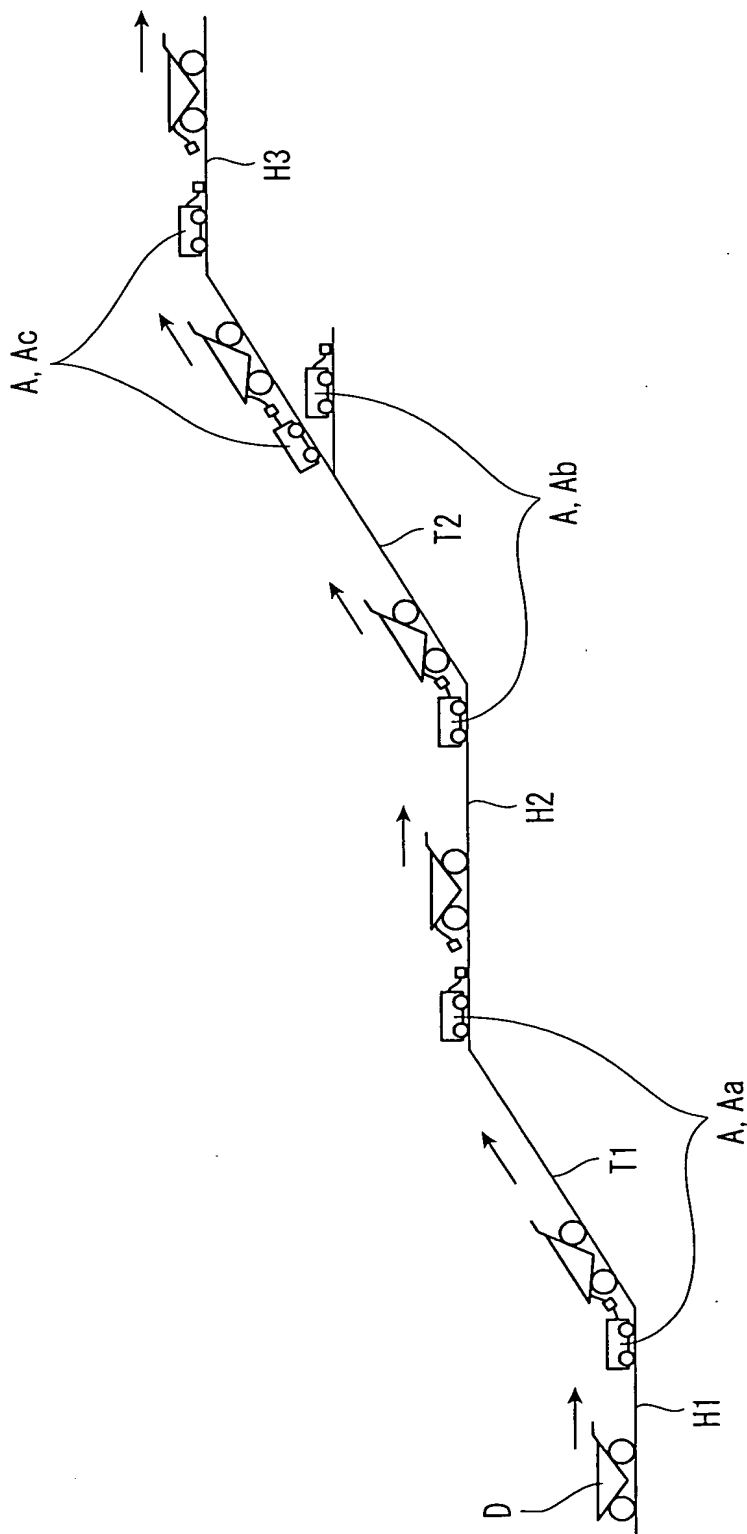


FIG. 2

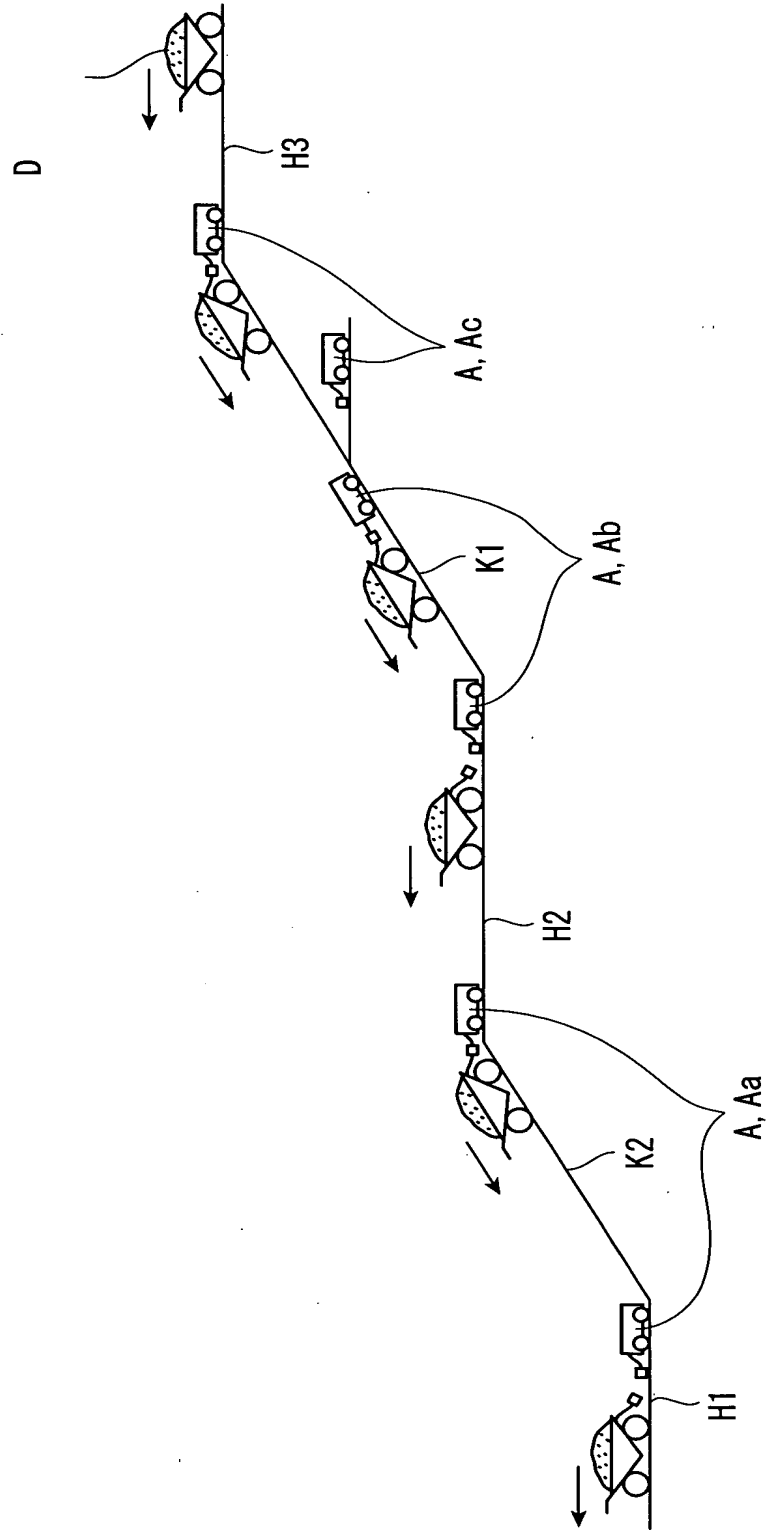


FIG. 3

D, D1, D2



| | DRIVING MOTOR | DRIVING ENGINE+TM | GENERATOR+ GENERATING ENGINE | REGENERATOR |
|---------------|---------------|-------------------|---------------------------------|-------------|
| DUMP TRUCK D1 | ○ | — | ○ | ○ |
| DUMP TRUCK D2 | ○ | ○ | — | ○ |

FIG. 4

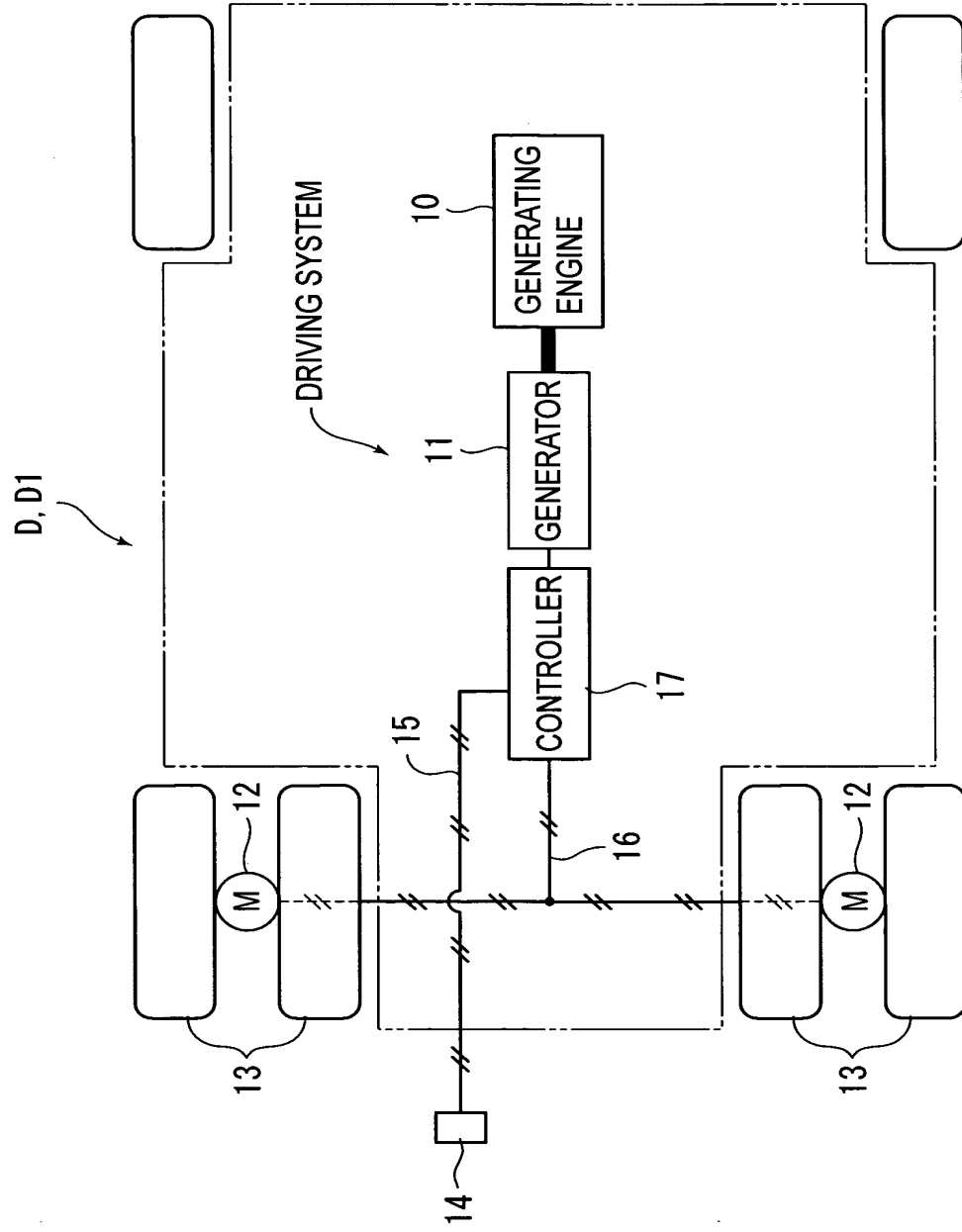


FIG. 5

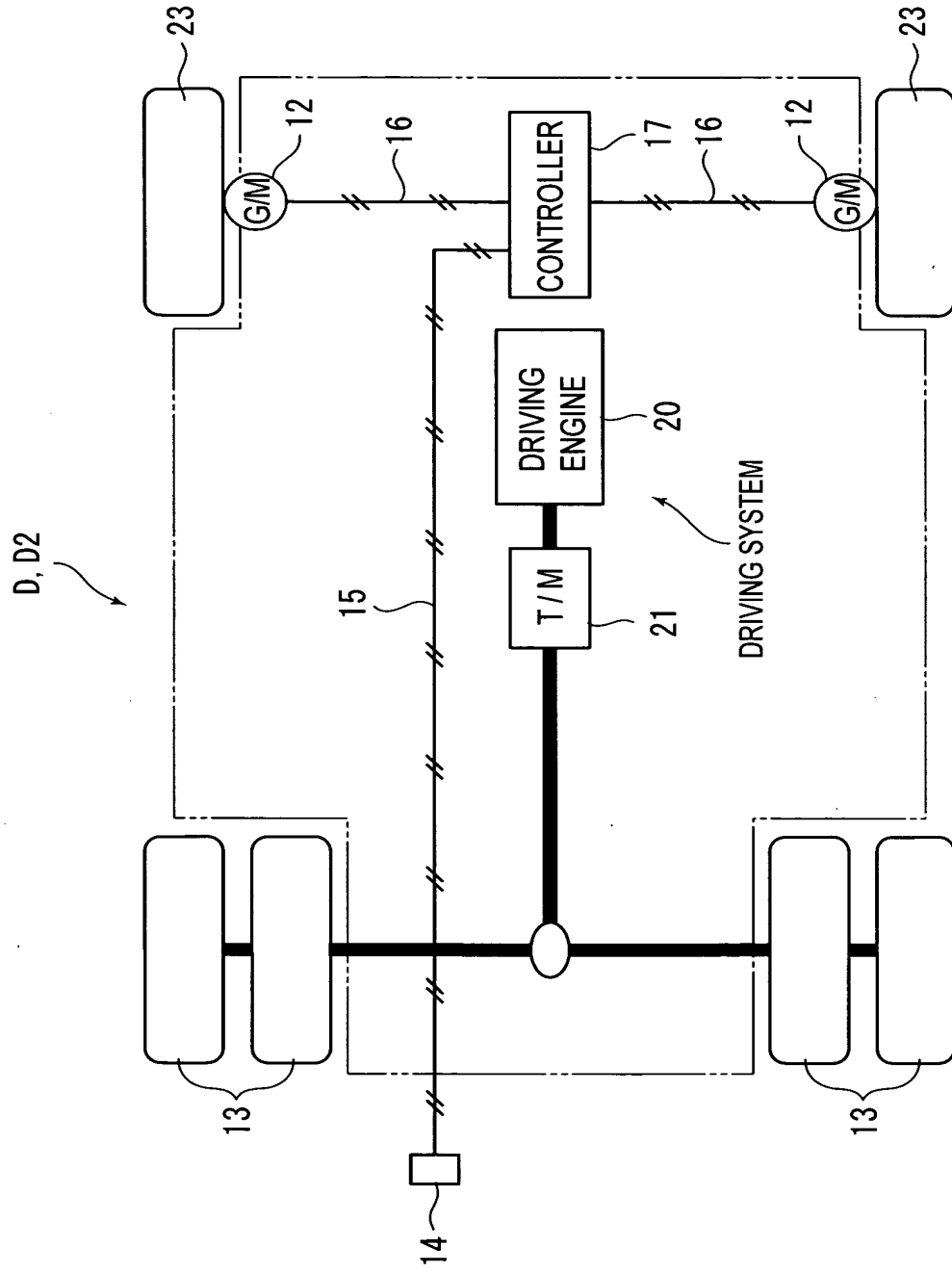


FIG. 6

A, A1~A3

| | BATTERY | DRIVING MOTOR | DRIVING ENGINE+TM | GENERATOR+ GENERATING ENGINE | CHARGING REGENERATED POWER |
|----------------------|---------|---------------|-------------------|------------------------------|----------------------------|
| ASSISTANT VEHICLE A1 | — | ○ | — | ○ | — |
| ASSISTANT VEHICLE A2 | ○ | — | ○ | — | ○ |
| ASSISTANT VEHICLE A3 | ○ | ○ | — | ○ | ○ |

FIG. 7

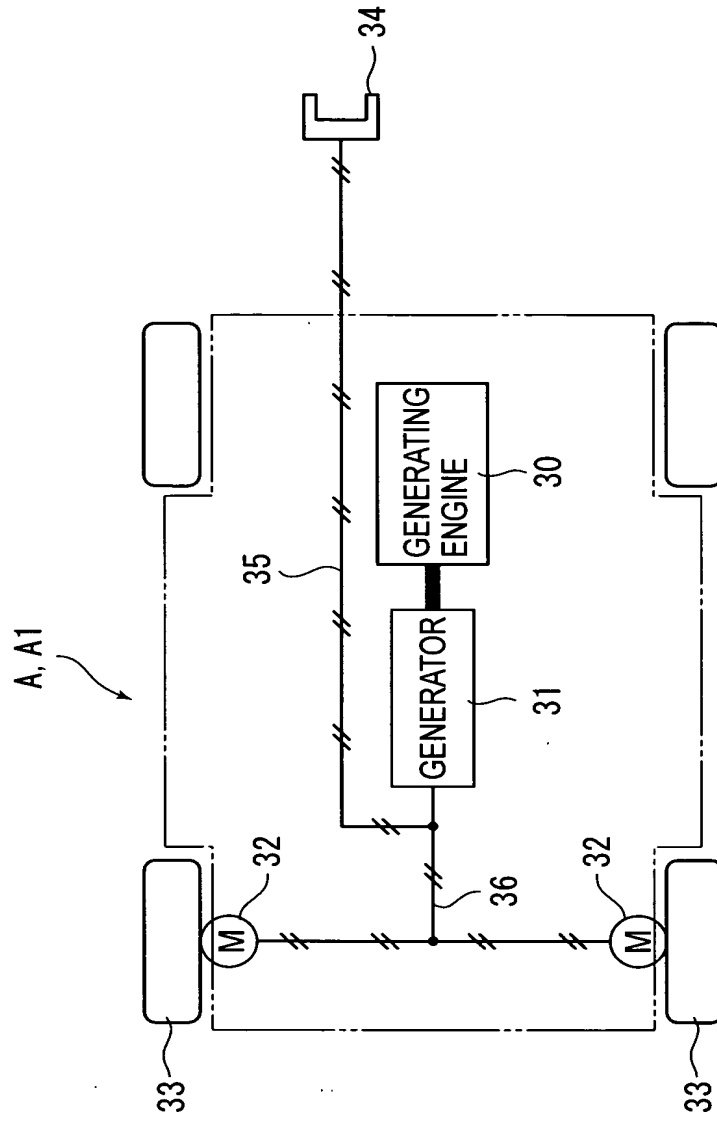


FIG. 8

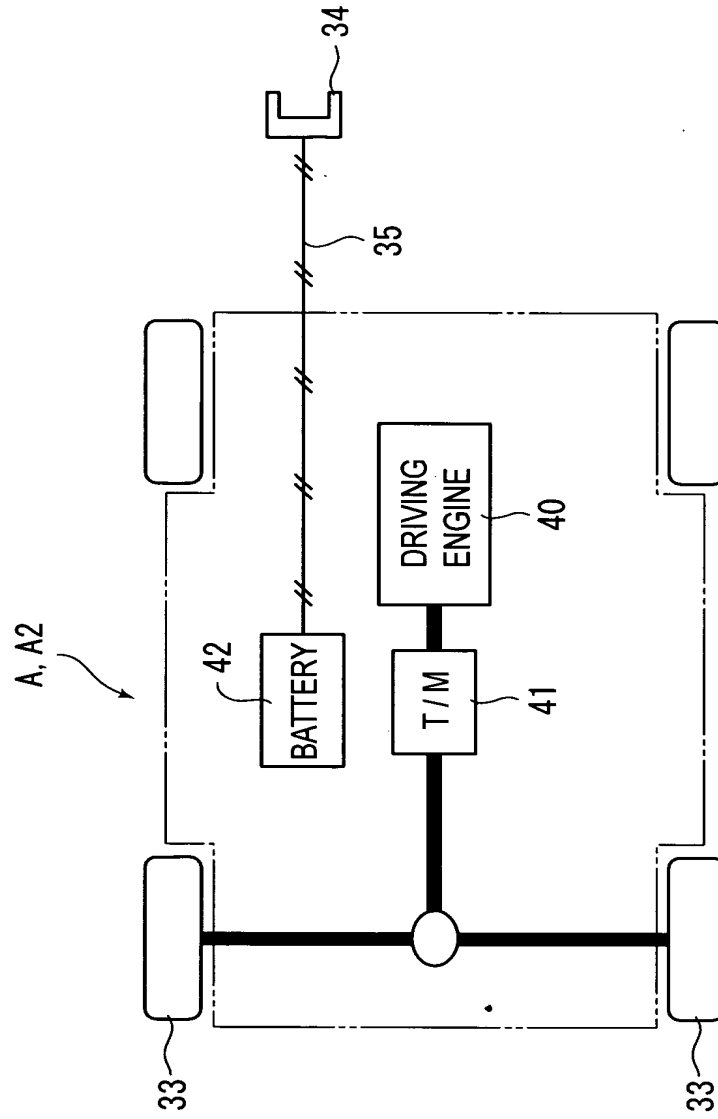


FIG. 9.

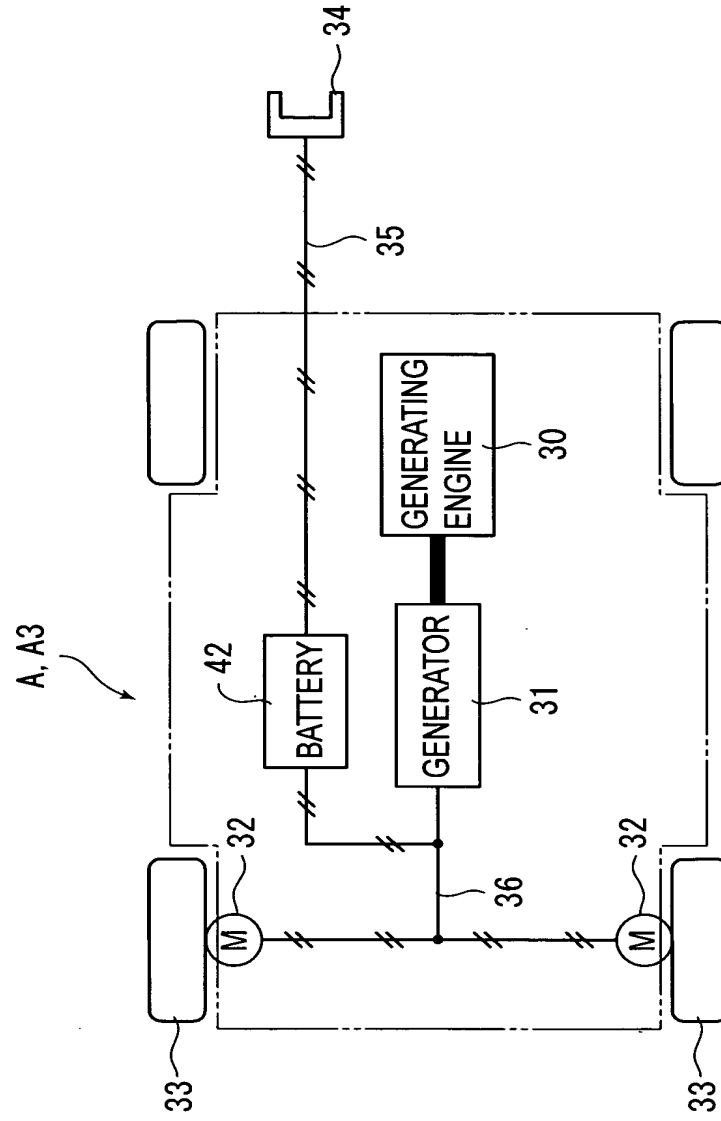


FIG. 10

D, D3~D5

| | DRIVING MOTOR | DRIVING ENGINE+TM | GENERATOR+ GENERATING ENGINE | MINI-BATTERY FOR DRIVING MOTOR | REGENERATOR |
|---------------|---------------|-------------------|---------------------------------|-----------------------------------|-------------|
| DUMP TRUCK D3 | ○ | ○ (SHADED) | ○ | — | ○ |
| DUMP TRUCK D4 | ○ | ○ (INDEPENDENT) | ○ | — | ○ |
| DUMP TRUCK D5 | ○ | — | — | ○ | ○ |
| ⋮ | | | | | |

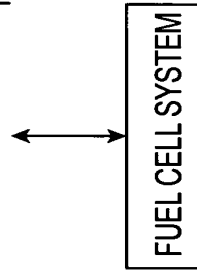


FIG. 11

A, A4~A7

| | BATTERY | DRIVING MOTOR | DRIVING ENGINE+T/M | GENERATOR+ GENERATING ENGINE | SELF REGENERATOR | CHARGING REGENERATED POWER |
|-------------------------|---------|---------------|--------------------|---------------------------------|---------------------|----------------------------------|
| ASSISTANT VEHICLE A4 | — | ○ | ○ (INDEPENDENT) | ○ | — | — |
| ASSISTANT VEHICLE A5 | ○ | ○ | — | ○ | ○ | — |
| ASSISTANT VEHICLE A6 | ○ | — | — | — | — | ○ |
| ASSISTANT VEHICLE A7 | ○ | — | — | ○ | — | ○ |
| ⋮ ⋮ ⋮ | | | | | | |

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FUEL CELL SYSTEM